Date: Sat, 7 May 94 04:30:35 PDT
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V94 #121
To: Ham-Homebrew

Ham-Homebrew Digest   Sat, 7 May 94   Volume 94 : Issue 121

Today's Topics:

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 06 May 1994 03:37:22 GMT
From: yale.edu!noc.near.net!chaos.dac.neu.edu!chaos.dac!dean@yale.arpa
Subject: Help w/ 'RF Design' Magazine article 1/88 issue
To: ham-homebrew@ucsd.edu

Hi:
     I'm posting this for a friend.
-Dean

from Thomas:

 Hi:
    Does anyone read RF Design? I'm looking for an article entitled 'Simple
    Spectrum Analyzer, A Pocket Sized 0-100 Mhz Unit Uses Only Three IC's'
    by A. Halfrick. I believe it's in the Jan. 88 issue. If so, could I please

have a copy or an adress to retrieve that issue? Thanks in advance.

-Thomas

Date: 5 May 94 17:37:40 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!bcm!news.tamu.edu!mtecv2.mty.itesm.mx!
al152511@network.ucsd.edu
Subject: Making CW with a CB rig?
To: ham-homebrew@ucsd.edu

Hello, homebrewers!

I have had curiosity to know if it is possible to make CW transmitting
with a CB rig quite a time ago, and have received a few advices recently,
but have not put them in practice yet.

That is because normally they suggest me to alter the rig in some manner, and
are not sure if that would work well.

I was looking for an easy way to do this trick.

I recently bougth a MFJ deluxe code practicer, that is an straight key with
an oscilator and speaker, with tone and volumen controls. This thing have a
hole to connect it to an external speaker or earphones.

I was wondering if it is possible to connect this aparatus to the entry of the
microphone in the CB like an earphone, and thus transmitting CW with the key

Muchos thanks in advice if someone can provide information about this.

73 de Ricardo Rodriguez M.

P.S. By the way, I think this would be a very interesting way of practice code
with other CBers, to get a ham license.

.

Date: 5 May 94 20:48:00 CST
From: ihnp4.ucsd.edu!swrinde!news.uh.edu!ccsvax.sfasu.edu!ccsvax.sfasu.edu!
f_speerjr@network.ucsd.edu
Subject: Newbie code Practice receiver -- feasible?
To: ham-homebrew@ucsd.edu

In article <2pr5d1$l20@watnews1.watson.ibm.com>, vinod@watson.ibm.com (Vinod Narayanan) writes:
<preamble deleted>
.
.
.
> Given the above,
> 1. Can somebody recommend a good, inexpensive kit ? I just
> got the catalog from ten-tec yesterday, they have a a kit
> for $39. This is a new business for them, so I don't expect
> anybody has built this yet, but if they have, I would like
> to hear about it..

If you build the TenTec kit, you'll be following in the footsteps of several generations of hams who started out with homebrew regenerative receivers, you'll learn an incredible amount about electronics, and you'll wind up with a receiver that will certainly be able to receive W1AW (even my bathtub gets them on occasion), although not too useful for two-way communication on the present bands. GO FOR IT!!
>
> 2. Is this kind of project feasible, or am I better off looking
> for a used receiver? (Well, I intend to look at the local hamfests
> anyway, I was just wondering about how feasible the task is in
> general, given that I don't have much test equipment).

See my note above. Although I said that little RX won't be TOO useful for 2-way, I didn't mean it would be useless. You might decide you want next to build a QRP transmitter to go with it, and see what you can do.
>
> Thanks for any comments, advice, references etc. in advance.
> --vinod
> email: vinod@watson.ibm.com

Cheers & 73!
Jim
K5YUT

Date: 6 May 94 19:48:25 GMT
From: news-mail-gateway@ucsd.edu
Subject: Returned mail: User unknown (fwd)
To: ham-homebrew@ucsd.edu

oops / got it right the second time !!!

[<Alan Kaul, W6RCL>] kaul@netcom.com

---------- Forwarded message ----------
Date: Fri, 6 May 1994 10:27:06 -0700
From: Mail Delivery Subsystem <Mailer-Daemon@netcom.com>
To: kaul@netcom.com
Subject: Returned mail: User unknown

The original message was received at Fri, 6 May 1994 10:12:44 -0700
from kaul@localhost

   ----- The following addresses had delivery problems -----
ham-homebrew@ucsb.edu (unrecoverable error)

   ----- Transcript of session follows -----
... while talking to ucsb.edu.:
>>> RCPT To:<ham-homebrew@ucsb.edu>
<<< 550 <ham-homebrew@ucsb.edu>... User unknown
550 ham-homebrew@ucsb.edu... User unknown

   ----- Original message follows -----
Return-Path: <kaul>
Received: by netcom.com (8.6.8.1/SMI-4.1/Netcom)
     id KAA10136; Fri, 6 May 1994 10:12:44 -0700
Date: Fri, 6 May 1994 10:12:43 -0700 (PDT)
From: Alan Kaul <kaul@netcom.com>
Subject: Re: ALC Adjustments to enable QRP (fwd)
To: ham-homebrew@ucsb.edu
Message-ID: <Pine.3.89.9405061013.A8417-0100000@netcom6>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

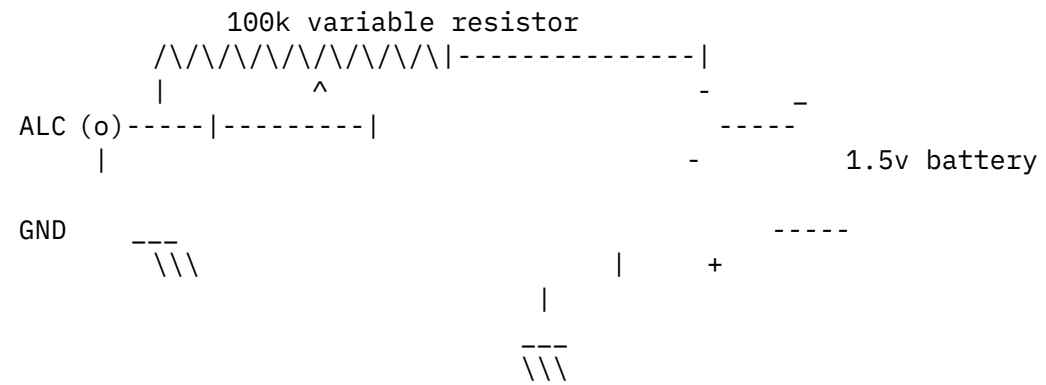
Dear Ham-Homebrew:
     I don't know if this circuit would be of any interest to your readers
but it seems to be a quick way to put some of the QRO transceivers on to
QRP with power levels ranging from 5-watts down to milliwatt levels. If
you think it is worth passing on to your readers, please do!
Tnx and 72, 73 de alan

                  [<Alan Kaul, W6RCL>] kaul@netcom.com

(the following was distributed to QRP@Think.com on 6 May 94)

  ICOM published the circuit in an ad in QST   (Tech Talk# 84, QST,
Dec. 1992, Page 184) and claimed it will work for all Icom transceivers
(although I think some of the old tube types might require positive

instead of negative ALC voltage). The circuit is as follows:



Icom claims: -1.25v = 5w output
-1.30v = 300 milliwatts
-1.33v = 100 milliwatts

73, 72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

Date: 6 May 94 15:04:56 GMT
From: sdd.hp.com!hp-pcd!hpcvsnz!tomb@hplabs.hpl.hp.com
Subject: rheostats
To: ham-homebrew@ucsd.edu

John Lundgren (jlundgre@kn.pacbell.com) wrote:
: I guess I should have made my question clearer.

Yep.

: Now how does one wind wire in an audio taper? At one end of the pot, the

Linear wirewound pots/rheostats can be made by winding the wire on a rectangle of thin insulating material--say .1cm x 1cm x 10cm, with the wire running across the 1cm direction. That element is then formed into a circle, and a wiper wipes along the .1cm face. If you do the same thing but make the form a triangle, or put some other taper on it, then you get a nonlinear resistance change with distance. This is _one_ way of doing it.

Date: 5 May 94 15:24:40 GMT
From: valinor.mythical.com!timg@uunet.uu.net
Subject: SEARCHING FOR LOW POWER FM TRANSMITTER for BROADCAST BAND
To: ham-homebrew@ucsd.edu

darsmith@spk.hp.com (Daryl R. Smith) writes:

> :
> : If you buy the kit from Ramsey Electronics, you'll get part of the
> : regulations.
>
> OK, please post the number or address for Ramsey Electronics. Thanks
>
> Daryl Smith
>
> darsmith@hpspkla.spk.hp.com

Ramsey Electronics, Inc.
793 Canning Parkway
Victor, New York 14564

phone 716-924-4560
fax   -4555

Tim Gross
Internet: timg@valinor.mythical.com   uucp: uunet!valinor!timg

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Date: 06 May 1994 06:44:23 GMT
From: yale.edu!noc.near.net!chaos.dac.neu.edu!chaos.dac!dean@yale.arpa
Subject: Wanted : Cheap, available varacter diode source
To: ham-homebrew@ucsd.edu

Hi:
I'd like to begin experimenting w/ varacter diodes. Can anyone
recommend an inexpensive, readily available, easy to work w/
device? Where can I get a few to play with?

-Dean

Date: Fri, 6 May 1994 16:46:18 GMT
From: newsgate.melpar.esys.com!melpar!phb@uunet.uu.net
To: ham-homebrew@ucsd.edu

References <40595.wosborne@nmsu.edu>, <Cp83z8.7A4@bbc.co.uk>,
<wa2iseCp9Hut.7rH@netcom.com>ieu.fr
Subject : Re: Vertical yagi mounting

wa2ise@netcom.com (Robert Casey) writes:

>My father used a wooden pole to mount a vertical yagi, but I pointed
>out "what about the coax running up the wooden pole to get the radio
>connected to the antenna?". He figured that, yes, it will have some
>effect, but the coax being smaller than a metal mast, would not be
>as bad. Don't really know. Would it help if we used ferrite beads

This problem has occurred to me as well. Your father is probably correct about the effect being less than that of a metal mast; but I think that if optimum performance was my goal, I'd run the coax along the boom to the reflector, then tape it to the back of the lower half of the reflector and let angle away from the antenna downward to the mast. Not a nice, clean installation, to be sure, but probably minimizes the effect. The alternative is the counterbalanced horizontal boom idea suggested by someone else, but if I were going to do that my "counterbalance" would be another antenna so I could pick up the extra 3 dB gain.

Paul H. Bock, Jr. K4MSG

End of Ham-Homebrew Digest V94 #121
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